

WEEKLY LESSON PLANS

Teacher: Swanson

Course: Biology

Period(s): 4, 5, 6

Week of: 9/21/20 - 9/25/20

	<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday</u>
<u>Unit Learning Goals</u>	<p>Students will be able to ask scientific questions, and design and conduct hypothesis-based scientific experiments to answer those questions. This includes identifying variables, making predictions, organizing and evaluating data, and drawing conclusions.</p> <p>Students will be able to relate the chemical structure of a molecule with how it functions, focusing on water and the four biological macromolecules. Students will explain the role of enzymes in biochemical reactions.</p>				
<u>Daily Learning Goal</u>	Students will define a scientific problem & generate a testable hypothesis using the scientific method.	Students will demonstrate their knowledge of the scientific method and other Unit 1 Content.	Students will understand the basics of atoms and the difference between the three subatomic particles.	Students will determine the number of protons, neutrons, electrons, and valence electrons for an atom using a periodic table.	Students will determine the number of protons, neutrons, electrons, and valence electrons for an atom using a periodic table.
<u>Activities:</u>	<ol style="list-style-type: none"> 1. Bell Work: Experimental Design 2. Finish Explore Learning Gizmos New Life Lab 3. Review Study Guide and Unit 1 Learning Goals 	<ol style="list-style-type: none"> 1. Unit 1 Test 	<ol style="list-style-type: none"> 1. Review Unit 1 Test 2. Go over Unit 2 Learning Goals 3. Introduction to Atoms PowerPoint and Notes 	<ol style="list-style-type: none"> 1. Color by Number Atomic Structure Concept Check 2. Introduction to the periodic table 3. How to Read a Box on The Periodic Table Practice 	<ol style="list-style-type: none"> 1. Bell Work 2. How to Read a Box on The Periodic Table Practice 3. Lewis Dot Diagram Practice 4. Rutherford-Bohr Models Practice
<u>Classwork / Homework</u>	<p>Complete Gizmo New Life Lab if needed</p> <p>Study for Test Tomorrow!</p>	None	Bring Colored Pencils to Class Tomorrow	Color the Color by Number Atomic Structure Page for Extra Credit	None Have a good weekend!